

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kuzmenka, et al. Attorney Docket: 2003 P 50080 US  
Filed: Herewith Examiner: TBD  
Serial No.: TBD Art Unit: TBD  
For: Device and Method for Converting an Input Signal

Mail Stop: Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

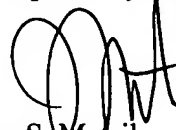
**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Applicants wish to bring to the attention of the Patent and Trademark Office the information noted on the enclosed combined form PTO/SB/08A & 08B that may be considered material to the examination of the above-identified application.

No fee is due at this time, as this Information Disclosure Statement is being filed concurrently with the patent application.

Respectfully submitted,



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February 20, 2004

Date

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| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |   |    |   | <b>Complete if Known</b> |                  |
|   |   |    |   | Application Number       | TBD              |
|   |   |    |   | Filing Date              | Herewith         |
|   |   |    |   | First Named Inventor     | Kuzmenka, et al. |
|   |   |    |   | Art Unit                 | TBD              |
|   |   |    |   | Examiner Name            | TBD              |
| Sheet   | 1 | of | 1 | Attorney Docket Number   | 2003 P 50080 US  |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       | 1                        | US-3,244,986                               | 10-08-1962                     | Rumble   |   |
|                       | 2                        | US-3,419,804                               | 12-31-1968                     | Gorog, et al.                                      |   |
|                       | 3                        | US-4,431,916                               | 02-14-1984                     | Couch  |   |
|                       | 4                        | US-5,202,678                               | 04-13-1993                     | Taber, et al.                                      |   |
|                       | 5                        | US-6,046,611                               | 04-04-2000                     | Morishima  |   |
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| FOREIGN PATENT DOCUMENTS |                          |   |                                |  |   |                |
|--------------------------|--------------------------|---|--------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                          | 6                        | FR - 2644025  | 07-09-1990                     | Auffret  |   | √              |
|                          |                          |   |                                |  |   |                |
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|                          |                          |   |                                |  |   |                |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                          |   |                |
|---|--------------------------|---|----------------|
| Examiner<br>Initials*                             | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the<br>item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue<br>number(s), publisher, city and/or country where published. | T <sup>2</sup> |
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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